

Question bank

Chapter-1 Place Value

Q-1 Fill in the Blanks

When 10 is rounded to nearest 10, we get ____.

When 8857 is rounded to nearest 100, we get ____.

Rounding off 43.75 to the nearest tenth place is ____.

When 479 is rounded to nearest 100, we get ____.

Q-2 True Or False

Place value of a digit in a number is the sum of its face value and the value of the place it occupies.

Rounding off 269.98 to the nearest tenth is 270.

Twenty Nine Thousands Eighty Six = 89,086

When 8844 is rounded to nearest 100, we get 8700.

Q-3 one word answer

The number just comes before a number is called

The number just comes after a number is called

Arrangement of numbers from smaller to greater is known as

Arrangement of numbers from greater to smaller is known as

Multiple Choice Questions

(a) Write the numbers of Twenty - nine thousand eighty - six.

(i) 29086

(ii) 29000

(iii) 29088

(b) Write the numbers name of 46775

- (i) forty-six thousand hundred seventy five
- (ii) forty-six thousand seven hundred seventy five
- (iii) forty-six thousand seven hundred

(c) 1,00,000 (one lakh) is the _____ 6-digit number.

- (i) smallest
- (ii) greatest
- (iii) none of these

(d) The number 29,01,310 has :

- (i) Twenty nine lakh one thousand hundred ten
- (ii) Twenty nine lakh one thousand three thousand
- (iii) Twenty nine lakh one thousand three hundred ten

Chapter-2 Fundamental Operations

Q-1 Fill in the Blanks

- (a) C.P. = ₹ 490; Profit = ₹ 40 : S.P. = _____
- (b) Loss = ₹ 40; S.P. = ₹ 340; C.P. = _____
- (c) C.P. = ₹ 13,850; Loss = ₹ 850; S.P. = _____
- (d) Profit = ₹ 50; S.P. = ₹ 340; C.P. = _____

Q-2 True Or False

- (a) Cost of 10 apples is ₹ 20. Each apple is sold at ₹ 1.50. Shopkeeper get a profit, not a loss.
- (b) Cost of 15 book is ₹ 450. Each book is sold at ₹ 45. Profit of Shopkeeper is ₹ 225.

Multiple Choice Questions

(a) When two or more numbers are added, we get the result known as the _____.

(b) $5999 - 3467 =$

(c) Addition; Subtraction; Multiplication and _____, are four fundamental operations in mathematics.

(d) $25695 + 4097 =$

Chapter-3 Factors and Multiples

Q-1 Fill in the blanks:

(a) A number can have _____ multiples.

(b) A number which has 2 as one of its factor is called an _____ number.

(c) A number which does not have 2 as one of the factors is an _____ number.

(c) A prime number has only _____ factors.

Q-2 True or False:

(a) 1 is a factor of every number and every number is a factor of itself.

(b) The numbers having 0, 2, 4, 6 or 8 in the ones place are always divisible by 2.

(c) A number is divisible by 3 if sum of its digits is divisible by 3.

(d) The process of finding all the prime factors of a number Is called prime factorization.

Q-3 One word answer:

(a) What are the prime factors of 812.

(b) What are the prime factors of 3240.

(c) What are the prime factors of 1725.

(d) What are the prime factors of 54.

Multiple Choice Questions

(a) A number can have _____ multiples.

- (i) two
- (ii) three
- (iii) infinite

(b) A prime number has only _____ factors.

- (i) two
- (ii) three
- (iii) none of these

(c) 13 is a _____ number.

- (i) even
- (ii) prime
- (iii) none of these

(d) A composite number has _____ factors.

- (i) two
- (ii) more than two
- (iii) none of these

Chapter-4 Fractions

Q-1 Fill in the blanks:

- (a) _____ are also known as fractional numbers.
- (b) Fractions with greater numerators than the denominators are called _____.
- (c) Mixed fractions can be converted into _____.
- (d) Multiplicative inverse is also known as _____.

Q-2 True or False:

- (a) Order of numbers or fractions will be taken as it is for divisor.
- (b) A fraction is said to be in its lowest or standard form if numerator and denominator has no common factor except '1'.
- (c) To multiply mixed fraction by a whole number, first convert mixed fraction as improper fraction and proceed.
- (d) Multiplication of fraction by fraction can be extended to any number of fraction.

Q-3 One word answer:

- (a) Divide $\frac{7}{36}$ by $\frac{5}{12}$.
- (b) Multiply $\frac{9}{15}$ by 0.
- (c) Multiply $\frac{4}{5}$ and $\frac{5}{4}$.
- (d) Multiply $\frac{6}{25}$ and $\frac{5}{7}$.

Multiple Choice Questions

(a) Fraction is a part of ____.

- (i) two
- (ii) three
- (iii) whole

(b) _____ is upper part of fraction.

- (i) Numerator
- (ii) Denominator
- (iii) none of these

(c) _____ is lower part of fraction.

- (i) Numerator
- (ii) Denominator
- (iii) none of these

(d) The fraction $\frac{3}{8}$ can also be written in words as _____.

(i) three-fourths

(ii) three-fifths

(iii) three-eighths

Chapter-5 Decimals

Q-1 Fill in the blanks:

(a) A _____ is a way of representing special type of fractions.

(b) Fractions having denominators 10, 100, 1000, etc. are known as _____.

(c) The _____ of a digit becomes one hundredth when it moves from left to right by two places.

(d) Decimals having same number of decimal places or same number of digits after the decimal point are known as _____.

Q-2 True or False:

(a) Decimal which are equal in value are called equivalent decimals.

(b) While comparing decimals through mathematical models, more coloured parts of the grid show greater decimal.

(c) Addition of decimals is done in the same way as we do the addition of whole numbers.

(d) Adding zeroes to the extreme right of the decimal number does not effect the value of original number.

Q-3 One word answer:

(a) Multiply 467×0.3 .

(b) Multiply 467×0.03 .

(c) Find the product of 6.582×16 .

(d) Find the product of 3.709×1.42 .

Multiple Choice Questions

(a) The decimal numbers have _____ parts.

- (i) two
- (ii) three
- (iii) four

(b) The whole number part always lies on the _____.

- (i) left
- (ii) right
- (iii) top

(c) _____ part is on the right of decimal point.

- (i) Whole number
- (ii) Decimal
- (iii) none of these

(d) A _____ is a way of representing special type of fractions.

- (i) decimal
- (ii) fraction
- (iii) none of these

Chapter-6 Basic Geometry

Q-1 Fill in the blanks:

(a) A _____ marked on a piece of paper with the help of the tip of a sharp pencil reproduces a point.

(b) A flat surface is called a _____.

(c) A plane can never be drawn on _____.

(d) A line has _____ end points.

Q-2 True or False:

- (a) If a line segment is extended infinitely in one direction, it is called a ray.
- (b) Two lines are said to be parallel to each other, if the distance between them is always same.
- (c) If two lines meet each other in a plane, then they are called intersecting lines.
- (d) When two rays pointing in different directions meet at a point then inclination of one ray to the other, is called an Angle.

Q-3 One word answer:

- (a) It is an instrument, available in our geometry box, in 'D' shape.
- (b) Which has a definite length while a ray or line has no definite length.
- (c) Which extends endlessly towards both ends.

Multiple Choice Questions

(a) To draw any shape or figure, we start with a ____.

- (i) point
- (ii) line
- (iii) none of these

(b) A point has _____ length, breadth or height.

- (i) one
- (ii) no
- (iii) none of these

(c) Geo means ____.

- (i) earth
- (ii) sky
- (iii) none of these

(d) Metry means _____.

- (i) metre
- (ii) measurement
- (iii) none of these

Chapter-7 Shapes, Patterns And Symmetry

Q-1 Fill in the blanks:

(a) The line which divides a symmetrical figure into two equal parts is called the _____.

(b) _____ formed by two equal and one unequal line segments have only one line of symmetry.

(c) Turning of a shape or figure about a central point is called _____.

(d) One circle has _____ quarters.

Q-2 True or False:

(a) Quarter turn or $\frac{1}{4}$ turn makes an angle of 90° between two axes.

(b) A figure which looks the same after a half turn has a rotational symmetry or the order 2.

(c) One-sixth turn makes an angle of 90° .

(d) 'Pattern' means repetition of something over and over again in a logical sequence, so that symmetry in whole design can be observed.

Q-3 One word answer:

(a) Write the product of 35×35 .

(b) Write the product of 225×225 .

Multiple Choice Questions

(a) A shape or figure which can be divided or folded into identical halves is called a _____ shape.

- (i) identical
- (ii) symmetrical

(iii) none of these

(b) The line along which the shape is divided into identical halves is called the line of _____.

(i) symmetry

(ii) identity

(iii) none of these

(c) Line of symmetry is the line from where _____ is reflecting.

(i) line

(ii) shape

(iii) none of these

Chapter-8 Measurements

Q-1 Fill in the blanks:

(a) Thickness of writing pencil = 9 mm = _____ cm.

(b) Distance of window from floor = 32 cm = _____ m.

(c) Height of room = 0.32 m = _____ cm.

(d) Height of roof from ground = 0.15 km = _____ m.

Q-2 True or False:

(a) The standard unit of measurement of mass (weight) is kilogram.

(b) To convert litres to millilitres, put 3 zeroes to the right of the numbers of litres.

(c) SBD stands for smaller to bigger and divide.

(d) BSM stands for bigger to smaller and multiply.

Q-3 One word answer:

Multiple Choice Questions

(a) The system, we use to measure the length, mass and capacity, is called the _____ system of measurement.

(i) metric

(ii) normal

(iii) none of these

(b) To change from smaller unit to bigger, we _____.

(i) divide

(ii) multiply

(iii) add

(c) To change from bigger unit to smaller, we _____.

(i) divide

(ii) multiply

(iii) add

Chapter-9 Perimeter and Area

Q-1 Fill in the blanks:

(a) Perimeter is the _____ of boundary of figure.

(b) Distance covered around rectangular park is the _____ of the park.

(c) Perimeter is measured in _____ units.

(d) Perimeter is possible for only _____ figures.

Q-2 True or False:

(a) The surface bounded by a figure or object is called its area.

(b) A square is a rectangle whose length and breadth are equal.

(c) The area is always given in square units.

Q-3 One word answer:

(a) Area of triangle.

(b) Perimeter of a rectangle.

(c) Area of rectangle.

(d) Perimeter of square.

Multiple Choice Questions

(a) Area of each square is _____ square cm.

(i) 1

(ii) 2

(iii) 3

(b) _____ is the length of the boundary of any figure or shape.

(i) Perimeter

(ii) Area

(iii) none of these

(c) The unit of measurement of _____ is square units.

(i) area

(ii) perimeter

(iii) none of these

Chapter-10 Volumes of Solids

Q-1 Fill in the blanks:

(a) Objects which Occupy a definite Space are called as _____.

(b) The amount of space occupied by an object is called the _____.

(c) _____ has circular base and a lateral height.

(d) _____ has 8 corners.

Q-2 True or False:

(a) Volume of a cube = side $\times$ side $\times$ side.

(b) 1 cm³ = 1 ml.

(c) A cylinder has 2 circular bases and a height.

(d) All solids do not occupy space.

Q-3 One word answer:

(a) How many corners of Cuboid.

(b) What is the volume of a cube.

Multiple Choice Questions

(a) Objects which Occupy a definite Space are called as _____.

(i) perimeter

(ii) area

(iii) volume

(b) Cuboid has _____ corners.

(i) 4

(ii) 7

(iii) 8

(c) Cuboid has _____ sides.

(i) 10

(ii) 11

(iii) 12

Chapter-11 Time and Temperature

Q-1 One word answer:

(a) Temperature is measured by an instrument.

Q-2 Fill in the blanks:

(a) Nowadays thermometer used by doctors are _____.

(b) Normal body temperature is _____ °F.

(c) Body temperature marked by doctors are usually in _____.

(d) The digital clock can show time in _____ hours.

Q-3 True or False:

(a) The analogue clocks generally show the time in 12 hours.

(b) If the number of minutes to be subtracted is more than that we have in the upper row of minutes~ we take away.

(c) The word 'temperature, is used to denote the level of hotness or coldness.

(c) Clinical thermometer scale ranges from 35°C to 42°C.

Multiple Choice Questions

(a) There are _____ types of clocks which are being used worldwide.

(i) two

(ii) three

(iii) four

(b) The digital clock can show time in _____ hours.

(i) 12

(ii) 24

(iii) 48

(c) The analogue clocks generally show the time in _____ hours which are used at our homes.

(i) 12

(ii) 24

(iii) 48

(d) _____ minutes make an hour.

(i) 24

(ii) 48

(iii) 60

Chapter-12 Mapping Skills

Q-1 Fill in the blanks:

- (a) _____ show the route or approaching.
- (b) Himachal Pradesh is in _____ of Jammu and Kashmir.
- (c) West Bengal is in _____ of Bihar.
- (d) Chennai is in _____ of Puducherry.

Q-2 True or False:

- (a) Four main directions are defined as North, East, South and West.
- (b) Maps show the route or approaching.
- (c) The Clockwise direction is N-W-S-E.
- (d) The anticlockwise direction is N-E-S-W.

Q-3 One word answer:

- (a) Area of circle.
- (b) Name the northern-most part of India.
- (c) Name the state shown in southern-most part of India.
- (d) Name the state on East Coast.

Multiple Choice Questions

- (a) _____ is a way of showing surface of the earth in paper.
 - (i) Mapping
 - (ii) Addition
 - (iii) Subtraction
- (b) _____ are used in maps to draw the objects or places larger or smaller as per requirement.
 - (i) Scales
 - (ii) Maps

(iii) None of these

(c) There are _____ main directions.

(i) two

(ii) three

(iii) four

Chapter-13 Data Handling

Q-1 Fill in the blanks:

(a) Information collected in the form of numerical figures is called _____.

(b) _____ itself is a plural word.

(c) _____ is known as x-axis.

(d) _____ axis is known as y-axis.

Q-2 True or False:

(a) There are points and line joining these points constitute a line graph.

(b) Point where Horizontal and Vertical axes meet is known as origin.

(c) Through line graph, we can predict increase/decrease, good/bad performance etc.

(d) Vertical bar 'I' is used to mark and calculate the number of data/information occurs repeatedly.